THE CALIFORNIA VETERINARIAN



DR. ARTHUR G. BOYD

California Veterinarian of the Year

(See page 18 for details)



NOVEMBER-DECEMBER 1961

PUBLISHED BY CALIFORNIA VETERINARY MEDICAL ASSOCIATION



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Formulated for the equine species, this new vermifuge compound reaches higher levels of efficacy than achieved by previously used wormers, yet is safe even for ponies and foals.

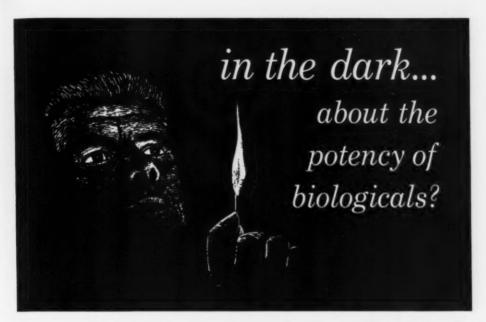
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*dithiazanine iodide with piperazine citrate, CS



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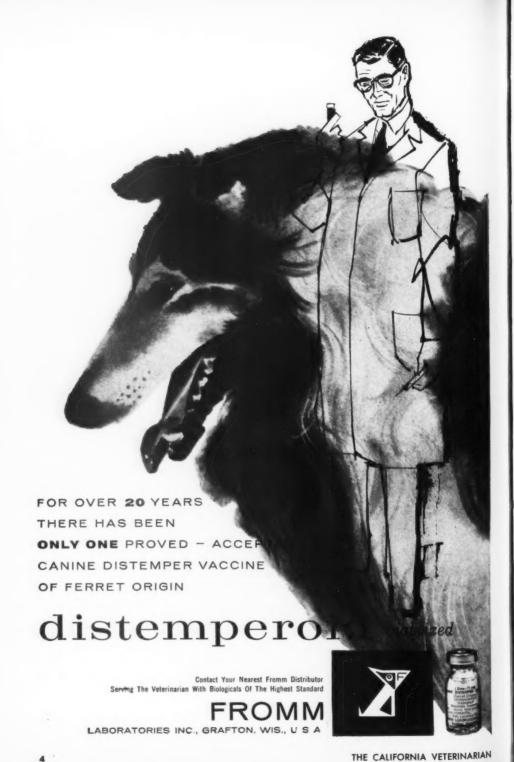
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In large animals, Sparine controls excitement, tension, and unruly tendencies without "knocking out" the animal. Sparine reduces struggling and risk of injury to animal and to you.

In a study reported in the Journal of the A.V.M.A., SPARINE was used to calm horses undergoing a variety of treatment; "... results were satisfactory, not only from the standpoint of the patient's response, but also to the operator and owner."*

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For further information on prescribing and administering Sparine see descriptive literature, or current Direction Circular.

*Dawson, H.A.; Lickfeldt, W.E., and Brengle, L.A.: J. Am. Vet. Med. Assoc. 135:69 (July 1) 1959.

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VETERINARIAN

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Volume 15 NOVEMBER-DECEMBER, 1961 Number 2

The California Veterinarian is published by the California Veterinary Medical Association, 3004 - 16th St., San Francisco 3, once every two months. Subscription rate, \$5 annually. Advertising rates furnished upon request. Veterinarians in the following states also receive a copy of The California Veterinarian: Arizona, Idaho, Montana, Nevada, New Mexico, Oregon, Washington and Hawali.

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Needed . . . A Preamble

No one can deny, in this day of organized and pressure politics, that membership in the CVMA and the AVMA is vitally necessary and needed. Even the most self-satisfied and vehement nonmember must admit that whatever advantages the profession has have been gained by veterinarians working together in an organized manner.

At the recent meeting with the AVMA Board of Governors in Los Angeles, it was pointed out there were about 7500 non-member veterinarians in America. These men are sorely needed in the AVMA. Their dues would permit the development of more services to all members, and their numbers would enhance the prestige and power of our national organization. Your delegate pointed out that a clarification of the basic purpose of the AVMA might attract some of these men into the fold.

The AVMA should be on record that it is composed of veterinarians, believes in veterinarians, and will vigorously fight for the just and deserved rights of veterinarians. This might be accomplished by a preamble to our AVMA constitution and the following was suggested in essence:

We, the veterinarians of America, because we believe in the science and art of veterinary medicine; because we believe in the humane and scientific treatment of all sick and injured animals; because we believe that a highly trained and ethical veterinary profession is vital to the needs of society and its general welfare, and because we believe constant effort is needed to assure that veterinary medicine remains a career to attract the most competent in our society, do hereby establish this constitution of the American Veterinary Medical Association.

Your delegate pointed out further that such a preamble would provide the AVMA with another goal and another principle which is morally, ethically, and legally right and correct. It would also provide a policy to which we could vigorously adhere in the constantly shifting and changing economic world of veterinary medicine. Finally it would provide another concrete reason for membership to every individual veterinarian in the land.

J. B. Carricaburu AVMA Delegate



THE MINK STOLE

Dear Editor:

I still haven't come down to earth! The stole the girls helped



me choose at Louis Bernhardt's Salon is stunning. Never having owned one, I now realize that next to man, mink is a girl's best friend!

> MRS. JEANNE KALANTAR

(EDITOR: Congratulations, Mrs. Kalantar! Donations for the mink stole went towards the Student Loan Fund, Guide Dogs for the Blind, Inc.,

and the Veterinary Medical Research—three major projects of the CVMA Women's Auxiliary.)

POSTMARK: FOREIGN COUNTRIES

THE CALIFORNIA VETERINARIAN really gets around the world. At the last count, subscriptions are being mailed to 21 foreign countries—including the USSR.

NEXT HOUSE MEETING

The next meeting of the House of Delegates will take place Sunday, January 28, at the Sacramento Inn, Sacramento.

Excellent Program Planned For Midwinter Conference

For those California veterinarians who were unable to attend our Long Beach convention recently they will receive another chance in the form of an excellently planned Midwinter Conference on January 29-31, 1962.

Complete small and large animal programs have been scheduled throughout the three-day meeting. All program activities on Monday and Tuesday will take place at the Sacramento Inn. Wednesday's program, which includes the Pitman-Moore Company's closed circuit television program will take place at the School of Veterinary Medicine in Davis.

Program Highlights

Highlights of this year's program will include a visit by Dr. Mark Morris, president of the AVMA.

Some of the outstanding speakers engaged for this program will include: Drs. Frank A. Todd, assistant to the administrator, ARS-USDA; W. D. Malherbe, visiting professor of clinical pathology, University of Pennsylvania; Donald G. Low, associate professor of veterinary medicine, University of Minnesota; R. W. Kirk, professor of small animal medicine, Cornell University; Francis H. Fox, professor of veterinary medicine, Cornell University; Gabel H. Conner, department of surgery and medicine, Michigan State University; and many other national and local authorities.

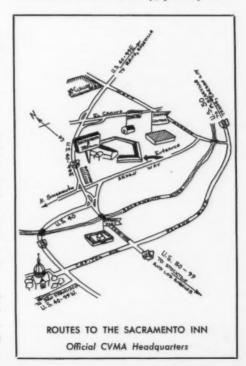
Of special interest will be a workshop session on Wednesday with demonstrations in veterinary hematology, immobilization of fractures and roentgenologic findings to be discussed.

Disease Symposium

Also scheduled for Wednesday at Davis is a special symposium on foreign animal diseases which will feature outstanding authorities from the Agricultural Research Service, Animal Disease Eradication Division and other regulatory services. This symposium is for all practitioners, and not just for regulatory veterinarians.

For social activities the Alumni Dinner Dance will be held at the Sacramento Inn on Tuesday evening, January 30.

The House of Delegates will meet at the Sacramento Inn on Sunday, January 28.



PROGRAM

CALIFORNIA VETERINARY MEDICAL ASSOCIATION MIDWINTER CONFERENCE

Davis Program Chairman, ROBERT M. CELLO

CVMA Program Chairman, W. E. STEINMETZ

JANUARY 29, 30, 31, 1962

Sacramento Inn, Sacramento and School of Veterinary Medicine, Davis

MONDAY, JANUARY 29, 1962 GENERAL SESSION

Sacramento Inn. Martinique Room Morning

Chairman, W. E. STEINMETZ

8:30 - 4:30-CVMA Registration, Sacramento Inn.

Welcome by E. H. Houchin, president, CVMA. 9:10-Some Problems Facing the Veterinary Profession, Mark Morris, President, AVMA.

9:25-Problems of Veterinary Education, Donald E. Jasper, Dean, University of California, Davis.

9:45-Welcome from the Davis Campus, Emil M. Mrak, Chancellor, University of California at

Welcome from Hon. James McKinney, Mayor of Sacramento

9:55-Foreign Animal Diseases-A Threat to Livestock, Frank A. Todd.

10:25-Intermission.

Visit Exhibits - Comstock and Sierra Rooms

10:40—Immunization Against Virus Diseases, Timothy Crocker.

11:15—Enzyme Chemistry as an Aid in Veterinary Diagnosis, W. D. Malherbe.

11:45-Adjourn.

Visit Exhibits — Comstock and Sierra Rooms *

*

MONDAY, JANUARY 29, 1962

SMALL ANIMAL SECTION

Sacramento Inn, Martinique Room Afternoon

Chairman, THOMAS B. CONDON

1:30-Canine Leptospirosis (Specific title to be announced), Donald G. Low.

2:10-Dermatologic Diagnosis in Daily Practice, George H. Muller.

2:40-Surgical Pathology (Specific title to be announced), Charlie Barron.

3:10-Electrolyte Disturbances of Dogs, Charles E.

3:30-Intermission.

3:34-Artificial Insemination of Dogs (Specific title to be announced), R. W. Kirk.

4:15-Acute Pancreatitis, William J. Zontine.

4:20—Questions and Answers.

Visit Exhibits - Comstock and Sierra Rooms *

MONDAY, JANUARY 29, 1962

LARGE ANIMAL SECTION Sacramento Inn, Jay-Rob Playhouse

Afternoon

Chairman, JOHN W. KENDRICK

1:30-Abscesses of the Horse Caused by C. pseudotuberculosis, J. P. Hughes.

2:00-Physical Diagnosis in Large Animals, Francis H. Fox.

2:30-A Critical Evaluation of the Various Diagnostic Procedures Used for the Detection of Digestive Disturbances Involving the Fore Stomachs of Cattle, Gabel H. Conner.

3:00-Intermission.

Visit Exhibits - Comstock and Sierra Rooms

3:15-Leukocyte Response of Acute Inflammation in Cattle, O. W. Schalm.

3:35-Recent Findings on Ovine Vibriosis, Blaine McGowan, Jr.

3:55-Pulmonary Emphysema of Cattle, M. A. Horning and J. E. Moulton.

4:15-Discussion - Questions and Answers. Visit Exhibits - Comstock and Sierra Rooms

TUESDAY, JANUARY 30, 1962 SMALL ANIMAL SECTION

Sacramento Inn. Martinique Room Morning

Chairman, HENRY P. BOYD

9:00-Film: Ocular Biomicroscopy (Use of corneal microscope and slit lamp for diagnosis of ocular disease).

9:30-Non-Union of Fractures. Introduction, A. P. Wind; Bone Healing (to be announced).
Anatomical Considerations, L. Z. McFarland; Common Occurring Non-Unions in the Dog, T. J. Hage and A. P. Wind.

10:45-Intermission.

Visit Exhibits - Comstock and Sierra Rooms

11:00-Prevention of Non-Unions, A. P. Wind.

11:30-Discussion - Questions and Answers. Visit Exhibits — Comstock and Sierra Rooms

H. C. Burns Co.'s Seventh Annual Symposium and Luncheon

The H. C. Burns Co. will conduct its 7th annual Symposium and Luncheon on "The Economics and Management of Mastitis." A panel of veterinarians, specializing in this phase of practice, will explore the subject with special emphasis on developing a sound, economical program which can be supervised by the practicing veterinarian.

Dr. Heinz Klaus, Head, Bacteriology and Microbiology, Diablo Laboratories, will discuss a new practical Mastitis program which has been introduced in California under the control and guidance of the local veterinarian.

> SUNDAY, JANUARY 28, 1962 Sacramento Inn — 12:30 p.m.

Afternoon

Chairman, RONALD HAUGE

- 1:30—Clinical Pathology Conference "Abdominal Pain," P. C. Kennedy, moderator; William J. Zontine, Harlan Jensen, E. C. Story.
- 2:30—Some Less Common Diseases of Dogs, Donald G. Low.
- 3:00—Therapeutic Feeding (Specific title to be announced), R. W. Kirk.
- 3:30—Twenty-Five Small Animal Dermatoses, George H. Muller.
- 4:10-Hospital Management, Tom D. Harris.
- 4:30—Questions and Answers.
 - Visit Exhibits Comstock and Sierra Rooms

* * *

TUESDAY, JANUARY 30, 1962

LARGE ANIMAL SECTION

Sacramento Inn, Jay-Rob Playhouse

Morning

Chairman, FRED WALKER

- 9:00—Breeding Problems in Commercial Dairy Herds, Ben Lundberg.
- 9:30—Surgical Repair of Carpal Fractures, J. D. Wheat.
- 9:50-"Cancer Eye" in Cattle, Charlie Barron.
- 10:20-Intermission.
 - Visit Exhibits Comstock and Sierra Rooms
- 10:35—Recent Development in Bacterial Diseases of Ruminants, E. L. Biberstein.
- 11:05—Current Problems in the Ambulatory Clinic, Francis H. Fox.
- 11:35—Discussion—Questions and Answers.

 Visit Exhibits Comstock and Sierra Rooms

Afternoon

Chairman, W. A. CRIPE

- 1:30—Clinical Pathology Conference "Pleural Effusion," Moderator, E. A. Rhode; Pathologist, D. R. Cordy; Panel: Weden P. Humphrey, J. H. Woolsey, Jr., J. P. Hughes.
- 2:30-I. B. R. Virus in Bovine Abortion, D. G. Mc-Kercher.
- 2:45—Report of the CVMA Dairy Consultative Committee (Mastitis), R. C. Hubbard.
- 3:00—Intermission.
 - Visit Exhibits Comstock and Sierra Rooms
- 3:15—Displacement of the Abomasum—Fact or Fantasy?, Gabel H. Conner.
- 3:55—The Role of the Veterinarian in Poisonous Plant Problems, Murray Fowler.
- 4:25—Discussion Questions and Answers.
 Visit Exhibits Comstock and Sierra Rooms

AAHA Meeting January 28, 1962

All interested veterinarians and guests are invited to attend the Region Five meeting of the American Animal Hospital Association on Sunday, January 28, at 6:30 p.m., in the Walnut Room of the Sacramento Inn.

The evening will feature dinner and a special program which will be of interest to all veterinarians.

Eleventh Annual

WESTERN POULTRY DISEASE CONFERENCE

Home Economics Bldg., Room 176 University of California, Davis

JANUARY 31, 1962 - 9:00 a.m.

Chairman, R. V. LEWIS, Secretary

- The Air Sacs of Poultry and Their Tissue Reactivity, Alfred M. Lucas.
- Experiences in Planning a Healthy Poultry Industry, H. L. Chute.
- Safe and Toxic Levels of Furazolidone Added to
- Poultry Feed, Paul D. Harwood.

 Deficiency Diseases in Poultry as Diagnostic Problems,
 C. R. Grau.
- Histopathological Diagnosis of Atypical Laryngotracheitis, G. D. Bissell.
- The Mycoplasma Testing Service for the Turkey Industry, W. W. Worcester.

* * *

WEDNESDAY, JANUARY 31, 1962

SYMPOSIUM ON FOREIGN ANIMAL DISEASES

School of Veterinary Medicine, Davis 9:00 a.m. to 12 noon

Moderator, C. L. GOODING

Dr. J. E. Stuart, Chief, Division of Animal Industry, California Department of Agriculture, in cooperation with Dr. Frank A. Todd, Assistant to the Administrator of the Agricultural Research Service of the U.S. Department of Agriculture, has arranged a program of exceptional interest and value to veterinarians of this state. Leading authorities in the field will present papers on animal diseases prevalent in other areas of the world and their relationship to the livestock industry of this country. This program is designed primarily for the practitioner and offers an unparalleled opportunity to receive first-hand information on this important subject.

The speakers who will participate are: Donald E. DeTray, R. S. Sharman, R. C. Reisinger and Norvan L. Meyer.

WEDNESDAY, JANUARY 31, 1962 WORKSHOPS

School of Veterinary Medicine, Davis 9:00 a.m. to 11:30 a.m.

Chairmen, R. J. JAKOTICH, H. A. SNELBAKER

Presented by members of the staff of the School of Veterinary Medicine. Demonstrations will be given to small groups and repeated to allow ample opportunity for active participation and discussion of those attending.

- 1-Veterinary Hematology, O. W. Schalm. (Interpretation of the Stained Blood Smear.)
- 2—Immobilization of Fractures, A. P. Wind and Virginia Perryman. (Demonstration of methods of external fixation of fractures of the dog.)
- 3—The use of X-ray in the Diagnosis of Lameness in the Horse, T. J. Hage and E. A. Rhode. (Discussion of the roentgenologic findings and their relation to the clinical picture.)

Closed Circuit TV Sponsored by PITMAN-MOORE COMPANY

Allied Laboratories - Divisions of the Dow Chemical Company

WEDNESDAY, JANUARY 31, 1962 — SCHOOL OF VETERINARY MEDICINE, DAVIS
1:30 - 3:30 P.M.

For the sixth consecutive year, Pitman-Moore Company will sponsor closed circuit Television at the Midwinter Conference. The program:

Gabel H. Conner, College of Veterinary Medicine, Department of Surgery and Medicine, Michigan State University, "Intra-Articular Injections."

John W. Kendrick, associate professor of veterinary medicine, University of California, Davis, "Demonstration in Dehorning Calves."

J. P. Hughes, assistant professor of veterinary medicine, University of California, Davis, "Liver Biopsy in Cattle."

Virginia Perryman, School of Veterinary Medicine, University of California, Davis. "Skin Biopsy in Dogs."

Donald G. Low, associate professor of veterinary medicine, University of Minnesota (specific title to be announced).

ADVANCE REGISTRATION

1962 Midwinter Conference

JANUARY 29, 30 and 31, 1962

To avoid delay at Registration Desk, please make Advance Registration Now!

Receipt, Badge and Banquet Tickets will be awaiting you upon arrival.

(Refund will be made if you pre-register and are unable to attend.)

Send Check to CVMA, 3004-16th St., San Francisco

CVMA Member Registration - \$7.50

Non-Member - \$15.00

Alumni Dinner-Dance Tickets \$6.50 Each

DOES NOT include Hotel Reservations.

Address ZEL HARDY, Sacramento Inn, 1401 Arden Way, at Freeway, Sacramento 15.

Convention Rates: \$8.50 Single — \$11.00 Double — \$12.00 Twin.

Please Tear Here and Return

January 30, 1962.

□ I enclose check for Advance Registration, CVMA Member \$7.50; Non-Member \$15.00.
 □ Also included \$6.50 each for Alumni Dinner and Dance at the Sacramento Inn, Tuesday,

(This will aid us in determining number of reservations to make.)

Name Address

City Zone State

CONFERENCE SPEAKERS

Dr. Frank A. Todd, Assistant to the Administrator for Emergency Programs, Agricultural Research Service, U. S. Department of Agriculture, has been on loan from the U. S. Public Health Service since 1954. He is responsible for agricultural research relationships to national defense, including the safety of crops and livestock. To this end, he serves as liaison with other parts of the



FRANK A. TODD

Department of Agriculture and with other Government departments and agencies.

Dr. Todd was born September 11, 1911, at Merrill, lowa. He received the degree of Doctor of Veterinary Medicine at Iowa State College in 1933 and his master's degree in Public Health at Yale.

> + *

Barron, Charlie, D.V.M., Smith, Klein & French and University of Pennsylvania, Philadelphia.

Biberstein, E. L., D.V.M., Ph.D., Associate Professor of Veterinary Science, University of California,

Conner, Gabel H., D.V.M., Ph.D., Professor of Surgery and Medicine, College of Veterinary Medicine, Michigan State University, East Lansing.

Cornelius, Charles E., D.V.M., Ph.D., Assistant Professor of Clinical Pathology, University of California,

Crocker, Timothy, M.D., Professor of Medicine, Research Physician, Cancer Research Inst., University of California, School of Medicine, San Francisco.

DeTray, Donald E., D.V.M., Animal Disease and Parasite Research Division, ARS-USDA, Beltsville, Md.

Fowler, Murray, D.V.M., Assistant Professor, Veterinary Medicine, University of California, Davis.

Fox, Francis H., D.V.M., Professor of Veterinary Medicine, N. Y. State Veterinary College, Cornell University.

Hage, T. J., D.V.M., Associate Professor of Veterinary Medicine, University of California, Davis.

Harris, Tom D., D.V.M., Practitioner, San Mateo.

Horning, M. A., D.V.M., Practitioner, Alturas. Hubbard, R. C., D.V.M., Practitioner, Hollydale

Hughes, J. P., D.V.M., Assistant Professor of Veteri-

nary Medicine, University of California, Davis. Humphrey, Weden P., D.V.M., Practitioner, Oxnard.

Jasper, Donald E., Dean, School of Veterinary Medicine, University of California, Davis.

Jensen, Harlan, D.V.M., Practitioner, La Jolla.

Kirk, R. W., D.V.M., Professor of Small Animal Medicine, N. Y. State Veterinary College, Cornell

low, Donald G., D.V.M., Ph.D., Associate Professor of Veterinary Medicine, University of Minnesota, St.



GABEL H. CONNER

Dr. Gabel H. Conner, professor of surgery and medigan State University College of Veteri-nary Medicine, joined the M.S.U. staff as an associate professor in 1952. He assumed his present post in July of 1960.

Born January 1. 1919, in Uniontown, Wash., Dr. Conner received the B.S. and D.V.M. degrees at Washington State College in 1940 and 1941, re-

spectively. He received the M.S. degree at lowa State College in 1943 and the Ph.D. degree at the University of Minnesota in 1959.

Dr. Conner has authored numerous articles for professional journals in the field of animal surgery. He is a member of Alpha Psi and Phi Zeta.

*

Lundberg, Ben, D.V.M., Practitioner, Chino.

Malherbe, W. D., D.Y.M., Visiting Professor, Clinical Pathology, School of Veterinary Medicine, Uni-versity of Pennsylvania.

Meyer, Norvan L., D.V.M., Animal Disease Eradication Division, ARS-USDA, Washington, D.C.

Morris, Mark, D.V.M., President, AVMA.

Moulton, J. E., D.V.M., Ph.D., Associate Professor of Veterinary Science, University of California, Davis.

Muller, George H., D.V.M., Practitioner, Walnut Creek.

McFarland, L. Z., D.V.M., Assistant Professor of Veterinary Medicine, University of California, Davis.

McGowan, Blaine, Jr., D.V.M., Associate Professor of Veterinary Medicine, University of California,

McKercher, D. G., D.V.M., Ph.D., Professor of Veterinary Science, University of California, Davis.

Perryman, Virginia, D.V.M., School of Veterinary Medicine, University of California, Davis.

Reisinger, R. C., D.V.M., Animal Disease Eradication Division, ARS-USDA, Washington, D.C.

Rhode, E. A., Jr., Associate Professor of Veterinary Science, University of California, Davis.

Schalm, O. W., D.V.M., Ph.D., Professor of Clinical Pathology, University of California, Davis.

Sharman, R. S., D.V.M., Animal Disease Eradication Division, ARS-USDA, Washington, D.C.

Story, E. C., D.V.M., Practitioner, Sacramento.

Todd, Frank A., D.V.M., Assistant to the Administrator, ARS-USDA, Washington, D.C.

Wheat, J.D., D.V.M., Professor of Veterinary Medi-cine, University of California, Davis

Wind, A. P., D.V.M., Assistant Professor of Veterinary Medicine, University of California, Davis.

Woolsey, J. H., Jr., Practitioner, Santa Rosa.

Zontine, William J., D.V.M., Practitioner, Lancaster.

Deferments Possible For Those Who Wish Postgraduate Study

A new program established by the Department of Defense and the Selective Service System will go into effect on January 1, 1962, which will permit recent veterinary school graduates to defer their active military service until they have completed sufficient postgraduate training to fulfill the requirements of military service for specially trained veterinarians.

Under this program the graduate veterinarian can apply for a commission in the Army or Air Force Veterinary Reserve Corps while completing postgraduate work in civilian institutions at his own expense.

Choice of Service

The Department of Defense will select applicants who will be offered deferments and allocate them to the military branch of their choice. The veterinarian will then be given the opportunity to apply for a reserve commission.

Graduate veterinarians who are members of the Army ready reserve or National Guard can request to be screened out of these priority units if a community or personal hardship exists or request a delay in reporting for active duty should this arise on the basis of veterinary medicine being listed on the Department of Labor's critical occupation list. Veterinarians in this category would be transferred into the standby reserve. The standby reserve is only mobilized during a Congressionally declared emergency.

Under Age 28

Only veterinarians under the age of 28 have been affected by recent mobilization orders associated with the Berlin crisis. About 67 veterinarians have been scheduled for active service since November 1st. These have been men falling within the 18 to 28 age bracket who belong to no reserve or national guard unit and have not fulfilled their military obligation.

If you are between the ages of 18-28, a graduate veterinarian, and without prior military or National Guard service, you can expect to undergo a physical examination by your local Selective Service Board in the near future. At that time you should point out that you are eligible for a commission in the Army or Air Force Reserve as a veterinarian. And, should you pass the necessary physical and educational requirements, your Selective Service status will be Class III-A, and you will be eligible for a commission should you be inducted.

AVMA Research Fund Seeks Aid For Fellowship Program

Since 1942 the AVMA Fellowship Program has been in operation, with one of its functions being the granting of fellowships to provide financial aid to graduate veterinarians for the purpose of securing additional or continued education.

Annual contributions from veterinarians are sought to maintain the AVMA Fellowship Program with the Council on Research as the governing body. In the past 18 years there have been 61 AVMA Fellows, an average of three a year. Every veterinarian should realize that this small number of adequately trained veterinarians can't possibly keep up with the advancements necessary to keep our profession growing.

The AVMA's Women's Auxiliary is the fund collecting agency for this program, and Mrs. W. G. Magrane, Auxiliary chairman, asks "Can we count on you to invest one-half day's average pay now, for the untold dividends you will professionally receive in the future?"

California's quota is \$9,300, and contributions are an allowable income tax deduction.

Donations may be sent to Mrs. Louis F. Johnson, CVMA Auxiliary president, 6001 Elvas Avenue, Sacramento.

Proposed Changes in CVMA Constitution and By-Laws

These are the proposed changes of the Ways and Means Committee and the House of Delegates. These changes will be submitted for approval and adoption by the House of Delegates meeting October 21, 1962, in San Francisco. (Published in The California Veterinarian in accordance with Article XVII, Sec. 1b.)

Amendment 10

Article XII, Section 4, (b) to read: "Fiscal year shall be from January 1 through December 31."

LANG'S CLINICAL FORMULAE

Compounded under strict quality control regulations established by our staff veterinarians. Lang's Clinical Formulae, like all other Kal Kan products, are distributed with an unconditional guarantee.

VETERINARY DIVISION KAL KAN FOODS, INC. Oakland and Los Angeles, California

California veterinarians feed and recommend more Kal Kan products than any other.



WOMEN'S AUXILIARY PROGRAM

SUNDAY, JANUARY 28

mento Inn. Room 427

TUESDAY, JANUARY 30

2:00 p.m. - Executive Board meeting, Sacra- 12:30 p.m. - Luncheon, "Folk Fiesta," Sacramento Inn. Walnut Room

MONDAY, JANUARY 29

mento Inn, Walnut Room

WEDNESDAY, JANUARY 31

10:00 a.m — Business Meeting-Brunch, Sacra- 10:00 a.m. — Auxiliary Workshop, Sacramento Inn, Room 427

HOSTESS GROUP - Women's Auxiliary to the Sacramento Valley VMA Committee

Brunch: Mrs. D. E. Martinelli

Luncheon: Mmes. L. D. Meyers, W. E. Steinmetz Hostesses: Mrs. D. E. Martinelli

Decorations: Mrs. E. C. Story

Favors: Mrs. R. C. Goulding

Program: Mrs. L. P. Griffin

Tickets: Mrs. G. E. Reiner



Standing: Mrs. Curtis N. Harder, membership secretary; Mrs. R. J. Tompkins, secretary; Mrs. Russell P. Cope, past president, and Mrs. R. T. Hauge, second vice-president. Seated: Mrs. Charles H. Reid, president-elect; Mrs. L. F. Johnson, president, and Mrs. Harlan Jensen, first vice-president. Not in picture: Mrs. Griffith T. Clark, treasurer.

Women's Auxiliary News

LONG BEACH MEETING

The Women's Auxiliary of the CVMA had a gala meeting in Long Beach. There was a record attendance at the business meeting and brunch on Monday morning over which Mrs. Russell Cope presided.

The new officers elected were: President, Mrs. Louis Johnson; President-Elect, Mrs. Charles Reid; First Vice President, Mrs. Harlan Jensen; Second Vice President, Mrs. Ronald Hauge; Secretary, Mrs. R. J. Tompkins; Treasurer, Mrs. G. T. Clark; Membership Secretary, Mrs. Curtis Harder.

Mrs. Reginald Stocking was appointed as chairman of the nominating committee for

next year.

Mrs. Edna Jones reported that there were 486 members in good standing. The following donations were authorized: \$50 to the AVMA Student Loan, \$10 to the California Medical Research Fund, and \$15 to the AVMA Research Fund. The proceeds from the drawing are to go to Veterinary Education Assistance Program Fund except for \$100 which is to be allocated to the AVMA Medical Research Fund. Mrs. Cope reported that \$3,062.75 was collected for the AVMA Research Fund as of June 30, 1961.

Mrs. A. Mack Scott and Mrs. R. R. Smith with their committee arranged a fabulous Hawaiian luncheon at the Ports o' Call Restaurant following a spectacular tour of Long Beach harbor. Once again the ladies wore the beautiful leis which the local committee had made for the Luau on Monday evening at the colorful Reef Restaurant.

After the luncheon and style show, Dr. Charles Ozanian installed the officers with humor, speed, and finesse, enabling the women to get back to their buses at the appointed

MRS. H. E. JENSEN

VETERINARY EDUCATION ASSISTANCE PROGRAM

The Veterinary Education Assistance Program of the Women's Auxiliary to the CVMA is now in its ninth year. Thirty-three loans to students have been made, of which 21 have been repaid. Currently there are 12 outstanding loans totaling \$4100.

Two scholarships have been presented, totaling \$400. The first Grant in Aid for \$200

was presented January, 1961.

The October 1961 report of Mrs. Anna Hauge, Second Vice-President, shows the total net worth of the Veterinary Education Assistance Program at \$5,559.49.

SCVMA WOMEN'S AUXILIARY

The Women's Auxiliary of the Southern California Veterinary Medical Association held their annual benefit for Guide Dogs for the Blind on Nov. 9 at the Lakeside Country

Proceeds from the Silver Collar Luncheon will go towards the Guide Dogs for the Blind, Inc., of San Rafael.

Mrs. William Putney served as general chairman of the event. She was assisted by SCVMA Auxiliary president Mrs. Arrod Clark: Mrs. Ralph Reese and Mrs. Don Childs were in charge of decorations; Mrs. Rollin Smith, door prizes; Mrs. Anthony Feldman, reservations; and Mrs. Orville Warner, publicity.

The SCVMA Auxiliary has donated over \$5,500 to Guide Dogs for the Blind to sponsor "units" enabling a blind person to stay at the San Rafael school and be trained six weeks along with the dog who will become his future "eyes."

SACRAMENTO AUXILIARY HOSTS **EDUCATIONAL SERIES ON CAREERS**

A panel of veterinary wives from the Sacramento Auxiliary gave the Student Chapter of the AVMA at Davis an interesting inside view of the wife's part in her husband's career at a series of recent meetings.

Freshmen wives were introduced by their "sponsors" and were invited to attend the annual tea in their honor, held in the home of Mrs. P. C. Enge. Mrs. Donald Jasper was

honored guest.

In October the first of a series of educational meetings was held, at which time Dr. Edward Rhode, a member of the clinic staff, conducted a tour of the small and large animal clinics. Also in October a coffee and get-acquainted party was given by the wives of the faculty in the home of Mrs. Oscar Schalm, to honor the wives of students in the four classes.

For a Service Project, the Student Auxiliary will assist in the Retarded Children's Project in Yolo County. Time will be donated to assist in fund drives and recreational programs.

AUXILIARY BRIDGE BENEFIT AIDS LOCAL GIRL SCOUTS

A bridge luncheon benefit for the Girl Scout Round Up fund was sponsored by members of the South East VMA Auxiliary at the home of Mrs. Charles H. Ozanian, of Bellflower, recently.

Proceeds will go towards sending four Girl Scouts of the Green Willow Council to the 1962 International Round Up in Vermont.

CVMA CONVENTION HAPPENINGS

EXHIBITS SET NEW RECORD

A big vote of thanks is due our commercial, pharmaceutical and supply friends who exhibited in record numbers at our Long Beach meeting. A total of 68 exhibitors was present this year, and for the first time, a limited number of scientific exhibits were included. Our special thanks to Hills Bros. Coffee and Coca-Cola for providing their services free of charge during the three-day meeting. Attendance fell just short of last year's San Francisco convention. Over 500 veterinarians and 345 exhibitors, wives and guests were present this year.

VETERINARIAN OF THE YEAR

Dr. Arthur G. Boyd, assistant director of the California State Department of Agriculture, was presented a plaque by President Braun at the Long Beach meeting and honored as California Veterinarian of the Year. Dr. Boyd (see photo on front cover) was cited for his work in controlling livestock disease throughout California during his 29 years with the state agency.

CHANGE IN FISCAL YEAR

A proposed change in the by-laws of the Association would change the present fiscal year of June 30 through July 1st of the following year to a calendar year. Purpose of the proposed amendment is to eliminate the present lapse in time between June 30th and the annual convention when the House of Delegates must approve the budget. The time lag was particularly pronounced this year when the annual meeting was changed from June to October.

LIFE MEMBERSHIPS AWARDED

The House of Delegates awarded life memberships to Drs. Cyril H. Colton and Victor Ward, both of Santa Barbara. Dr. Colton passed away in September and his award was presented to his widow by the Santa Barbara-Ventura VMA last month.

GROUND RULES NEEDED

Applications from the Marin County VMA and Antelope Valley VMA were tabled by the House until a special committee made up of members from the Ways and Means Committee and the House of Delegates can study and establish basic ground rules for entry into the state association and set up geographical boundaries between the various local associations.

RETAIL SALES TAX REPORT

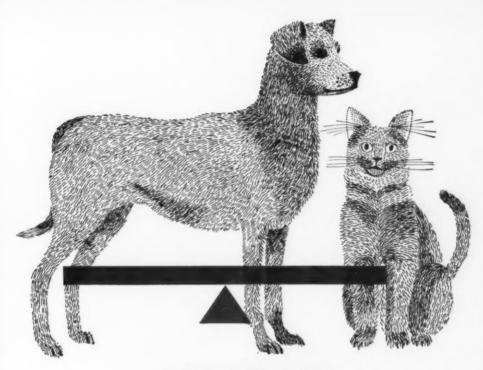
Dr. W. S. Cripe, chairman of the CVMA's Legislative Committee, reported to the House of Delegates on the retail sales tax problem as affects the veterinarian. Dr. Cripe stated that any veterinarian with incidental or dispension sales of over \$1,800.00 annually or \$150.00 monthly will be required to have a California retail sales tax license. He said that most California practitioners will fall in this category. No license deposit will be required if the veterinarian's credit rating is established and all state audits will be handled similar to other businesses with individual consideration of past accounts and penalties. Enforcement will be in effect on January 1, 1962, but veterinarians are subject to eight years of back checking on accounting procedures. See more complete story on page 20.

GOLF WINNERS

Winners in the CVMA Golf Tournament, held at the Huntington Beach Country Club October 22, were: CVMA Trophy, Dr. Robert Stader; Shor-Line Trophy, Dr. Alan Edmondson; Charles S. Travers Trophy, Dr. P. H. Hand; Exhibitors' Trophy, Mr. William Orr.

In women's golf, Mrs. John Carricaburu won the Low Gross Trophy, and Mrs. William Stansbury won the Jen-Sal Trophy.

Fifty-five players participated, and in addition to trophies awarded other prizes included equipment bags, golf balls, sweaters, jackets, umbrellas and head covers.



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CALIFORNIA SALES TAX

Its Application to Veterinarians*

E. H. STETSON

Tax Counsel, California State Board of Equalization

The following considerations will determine the application of sales tax to the operations of veterinarians:

- 1. Any veterinarian who sells non-drug items such as insecticides, animal foods, soap, leashes, etc., must hold a permit and pay sales tax on all retail sales, including drugs and medicines for which a separate charge is made, regardless of the volume of such drug sales.
- 2. Any veterinarian who makes no sales of non-drug items and whose separate charges for drugs and medicines furnished in connection with professional services do not exceed a monthly average of \$150 will be considered as the consumer of such drugs and medicines, if purchased on a tax-paid basis, i.e. with sales tax reimbursement paid to the vendor, or use tax paid to the State, on the purchase price. Such a veterinarian need not hold a seller's permit and is not required to pay sales tax to the State.
- 3. Any veterinarian who makes a separate charge for drugs and medicines averaging more than \$150 per month must hold a seller's permit and pay sales tax to the State measured by the excess of such separate charges over his purchase price of the property upon which sales tax reimbursement was paid to the supplier or use tax was paid to the State.

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Veterinarians should review their records periodically to determine whether or not there has been a change in their receipts from drugs or medicines for which a separate charge is made. If a veterinarian who at the beginning of this program makes sales averaging \$150 a month or less should find himself making sales in a greater average monthly amount, he could arrange with our district office for his district to take out a permit and report as sales the total amount of such charges deducting therefrom as "tax-paid purchases resold" the cost price of those drugs and medicines upon which tax reimbursement had been paid by the veterinarian to his supplier. The veterinarian would then pay the tax to the State on the difference between the cost of the items and the amount of the separate charges made therefore. We are issuing instructions to our staff so that there should be no question in the future that all veterinarians under similar circumstances will be subject to like tax obligations insofar as the sales and use tax is concerned.

*After various interpretations on the application of the California Sales Tax pertaining to veterinarians, and the preparation of ground rules by the State Board of Equalization, the above information has been released by the Board—Editor.

AVMA Officials Discuss Veterinary Education

Dr. Dan J. Anderson, president-elect, and Dr. Jack O. Knowles, executive board chairman of the AVMA, addressed the Centennial Convocation of the Land-Grant Colleges in Kansas City, November 14.

Dr. Anderson said that veterinary schools must place more emphasis on post-graduate specialty training, research, and broader liberal education.

"Are we preparing our veterinary students for an agricultural society which is rapidly changing, or are we still sending forth veterinary graduates who approach their 20th century clients with 19th century concepts of veterinary medicine?," Dr. Anderson asked an audience largely consisting of veterinary educators.

Dr. Knowles asked the colleges to mold the practitioners to the idea that they must advance; attack the present vacuum in practical advancement courses in veterinary medicine; boost research in small animal veterinary medicine, and encourage the idea that they must provide superior services, facilities and results.

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Doctors on the Go

Dairymen's Program

ORLAND—Dr. George Crenshaw participated in a program for dairymen on October 30 in Orland. Two University of California specialists and Dr. Crenshaw held a morning session at the Simmons ranch in the Plaza area and afternoon session at the Culp and Ratliff ranch.

Guest Speaker

LANCASTER—Dr. William Zontine was a guest speaker at the Florida State VMA meeting in October. Dr. and Mrs. Zontine also visited Jamaica and Mexico City after the convention.

Veterinary Radiology

PASADENA—Dr. Myron Thom, instructor of radiology at USC's School of Medicine, spoke before the staff auxiliary of the San Gabriel Valley District of the Los Angeles County Medical Assn. on October 26 in Alhambra. His subject: "Some Aspects of Veterinary Radiology."

Return from Europe

RICHMOND—Dr. Seymour R. Roberts has returned from a ten-month study period at the Vienna Veterinary College in Austria. This grant of the National Institute of Neurological Diseases and Blindness, is one rarely given to veterinarians who are in practice. While in Vienna he obtained the degree Dr. Med. Vet., counterpart of our D.V.M. In Europe, however, veterinarians who complete the study requirements must spend an additional year and write a thesis in order to be awarded the doctorate. Dr. Roberts wrote his thesis on choroiditis in horses.

Since returning to California Dr. Roberts has been associated with the Dept. of Ophthalmology at Stanford Medical Center. In November he gave a paper "Antibacterial Effects in the Vitreous" at the Western Conference for Research in Ophthalmology in Asilomar.

Veterinary Medicine as a Career

SAN CARLOS—Dr. John Cranfield addressed the senior science class at Carlmont High School in November, using as his subject "Veterinary Medicine as a Career."





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AVMA Research Council Studies Euthanasia

A panel study by five veterinarians will determine the most humane methods of euthanasia in small animals, it was announced by the AVMA Council on Research.

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FEDERAL-STATE PROGRAM TO ERADICATE HOG CHOLERA

A new law authorizing the U.S. Department of Agriculture to undertake a broad federalstate effort to eradicate hog cholera from the United States has been passed by Congress and signed by President Kennedy.

The Animal Disease Eradication Division of USDA's Agricultural Research Service will administer federal phases of the program in cooperation with states that wish to participate. ARS animal disease authorities point out that, with the incidence of hog cholera at a 13-year low, the time is ripe to attempt eradication.

The new law permits the Secretary of Agriculture to establish a 12-member advisory committee—representing the swine industry, consumer groups, state and local governments, and professional and scientific organizations—to help develop plans for an eradication program. An ARS official will head the committee.

Director Charles Paul of the California Department of Agriculture announced that the department will cooperate with the Animal Disease Eradication Division, United States Department of Agriculture, in conducting a statewide survey on the incidence of hog cholera in California

L.S.U. Research Indicates Benefits Of Ethanol in Ruminant Liquid Feed*

Improvement of a urea-containing liquid feed by the addition of small amounts of ethyl alcohol was highly significant when the liquid feed was used as a supplement to a low-protein, low-starch ration in Louisians State University feeding trials. The college experiments were conducted by Prof. W. A. Nipper and Dr. G. L. Robertson.

The L.S.U. researchers reported that ethanolfed heifers on a wintering program gained weight much faster than heifers which did not receive ethanol. They also noted that ethanol-fed heifers had better hair coats, a healthy, alert appearance and looked more vigorous during the tests.

Purpose of the experiment was to study the effect of ethyl alcohol when its presence or absence in a liquid feed was the only difference between two rations, in which all components were fed free-choice to two groups of cattle. Inclusion of ethyl alcohol was found to be especially important to wintering rations containing little or no grain.

Ref.: Effect of Ethyl Alcohol in a Urea-Molasses Supplement Fed with Cottonseed Hulls for Wintering Yearling Heifers, Prof. W. A. Nipper and Dr. George L. Robertson, A.I. Mimeo, Cir. 59-11, Louisiana State University and Agricultural and Mechanical College, Agricultural Experiment Station, 1959.

*Abstract.

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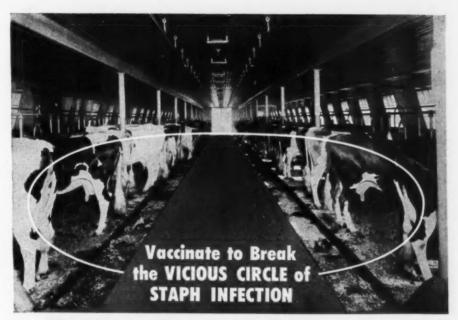


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research

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Laboratory Notes



From the Department of Clinical Pathology, School of Veterinary Medicine, Davis, California

A Rapid Method for Staining Blood Films

The method to be described here is ideally suited to the day-to-day needs for a rapid, screening procedure for examination of blood cells.

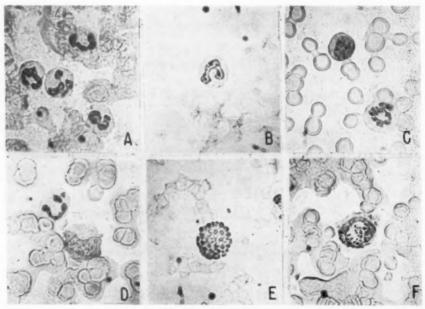
A round applicator stick is used to transfer a small quantity of blood to a coverglass or glass slide. Immediately a thin blood film is prepared in the usual manner. One may use fresh blood from a small puncture wound or blood taken in a vial containing an anticoagulant.

The anticoagulant used in this laboratory is disodium ethylenediaminetetraacetate (Calif-Vet., May-June, 1961) and, therefore, our experience with the staining method to be described has been limited to fresh blood or blood containing EDTA anticoagulant. It is common knowledge that heparin interferes with staining of leukocytes by the usual Romanowsky stains (Wright Stain, etc.). Thus, when heparin is employed as the anticoagulant, the blood film should be prepared from the blood remaining in the needle. It is probable that no interference with the action of

the stain on leukocytes will result from use of potassium and/or ammonium oxalate as anticoagulants.

If the blood film is made on a glass slide, a margin free spreader slide (Clay Adams No. A-1463) should be used to prevent the blood from spreading to the edges of the glass slide. The quantity of blood should be limited to the amount required to provide a film of 25 to 30 millimeters in length. Dry the film rapidly by waving it in the air. The clinic or laboratory accession number may be written with pencil on the blood film for purposes of future identification. The stain is not applied until it is convenient to examine the blood film by means of the microscope. During storage the film should be protected from dust and flies. This may be accomplished by placing it film down on a clean sheet of lint-free paper.

The stain to be employed is New Methylene Blue. Only one source of this stain has been used in our laboratory and, therefore, we cannot state that other brands will accomplish the results to be described. New Methylene



HORSE BLOOD CELLS

Blue (Basic Blue 24), B716, was obtained from Matheson, Coleman and Bell, Norwood (Cincinnati), Ohio or East Rutherford, N.J. A solution of the stain is prepared for use as follows:

0.5 gram powdered stain

99.0 ml. physiologic saline (NaC1 0.85 per cent)

1.0 ml. formalin (full strength)

The stain dissolves quite readily after which the solution should be filtered through qualitative or rough quantitative paper. The staining solution has a long shelf life when kept in a brown glass bottle at room temperature.

Applicator Used

An applicator stick is employed to place a drop of the staining solution on a 22 mm2 coverglass, when the blood film is on a slide, or the drop is placed on a glass slide when the blood film is on a coverglass. In either case the coverslip is placed on the slide so that the stain comes in contact with the blood film and flows between the coverglass and slide. The nuclei of leukocytes, the reticulum of reticulocytes (young erythrocytes) and the nuclei or nuclear remnants (Howell-Jolly bodies) in erythrocytes stain immediately. The cytoplasm of cells of the neutrophilic series appears distinctly granular but does not stain. Eosinophilic granules appear as unstained vacuoles but granules in basophils of the horse and cow take the stain. However, the granules of "so-called" basophils in the dog fail to stain but appear as vacuoles. The cytoplasm of monocytes and lymphocytes stains light gray. Thrombocytes stain a light purple without showing the granulation commonly seen in blood films to which Wright or Giemsa stain has been applied.

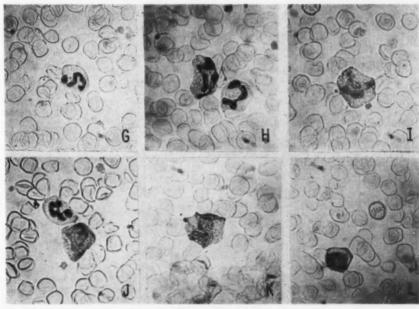
The preparation is not permanent since it is a wet mount. The film remains satisfactory for a sufficient period to permit thorough study and the making of the differential leukocyte count. The film can be preserved for longer periods by sealing the edges of the coverglass with immersion oil.

The slide is first scanned by high dry magnification (400X) followed by use of the oil immersion lens (900X) for making the differential leukocyte count. Examples of blood cells stained by New Methylene Blue in saline are presented in the accompanying photographs. Pictures identified as A through F are from horse blood while G through L are from dog blood.

Horse Blood

- A. Four mature neutrophils or "segmenters."
- B. A band neutrophil (nonsegmented).
- C. A lymphocyte in the upper left and a segmented neutrophil in the lower right. Note the staining of the cytoplasm of the lymphocyte. The central depression in each erythrocyte is an artifact.
- D. Segmented neutrophil in upper left and a monocyte in the center. Note the staining of the cytoplasm of the monocyte.
- E, An eosinophil. The granules do not stain but appear as vacuoles.
 - F. A basophil. The granules stain deeply.

 (Continued on page 30)



DOG BLOOD CELLS

News... FROM OUR ADVERTISERS

Introduction of a preparation to aid veterinarians in management of fluid and electrolyte problems encountered in practice is announced by the Veterinary Division of **Armour Pharmaceutical Company**, Kankakee, Ill.

Tradenamed "Vetrad," the preparation is an electrolyte concentrate which is administered in dilute form either by injection or orally.

Vetrad is used to restore the electrolyte balance upset by dehydration from vomiting, diarrhea or anorexia. Dosage is in proportion to the weight of the animal.

Merck & Co., Inc. announced plans for another major expansion of the Elkton, Virginia plant which produces "Amprol," Merck's new coccidiostat.

Production facilities will be increased 40 per cent, at a cost of \$2 million, according to James E. McCabe, marketing director for agricultural products of the Merck Chemical Division. The new expansion follows a 50 per cent increase in facilities initiated early this year.

Ralph D. Maus has been named Staff Assistant to the Vice President, Marketing, for Special Projects it was announced by Pitman-Moore Company, Division of The Dow Chemical Company.

The post is a newly created position according to S. E. Ruch, Vice President, Marketing.
Dr. Salvatore E. Sturchio has joined the company as Assistant Director of Clinical Research.

Dr. Robert Taylor, Research Associate, Diamond Laboratories, Des Moines, Iowa, has discovered a simple, inexpensive test for diagnosing hog cholera.

. . .

As reported in a recent published paper, the test consists of simple procedures that can be performed in the field by the practitioner.

Hog cholera is confirmed or eliminated on the basis of a characteristic color reaction when iodine is added to a mixture of pancreatic extract and starch. Further work is in progress to determine specificity of the test prior to release to the veterinary profession.

Dr. Frank Fielder has been named manager of Schering Corporation's newly designated laboratory animal medicine and surgery department, Dr. Harry M. Weaver, vice president for research and development, announced.

Since joining the pharmaceutical company in 1955, Dr. Fielder has been a veterinarian in the veterinary medicine and pathology and toxicology department. He had been on the staff of the University of Pennsylvania School of Veterinary Medicine from 1952 to 1955.

LABORATORY NOTES

(Continued from page 29)

Dog Blood

G. A mature neutrophil. The very small drumstick-like projection on the nucleus is a sex lobe which identifies the blood as that of a female.

H. An eosinophil on the left and a mature neutrophil on the right. The small clear spots in the eosinophil are nonstaining granules.

I. A basophil. The clear spots are nonstaining granules. (Failure of the granules to stain raises the question as to the true identity of this type of cell in the dog.)

J. A neutrophil above and a monocyte below. A thrombocyte occurs below and to the left of the monocyte. Thrombocytes are also present in most of the other pictures.

K. A monocyte.

L. A lymphocyte in the lower left corner and a reticulocyte (young erythrocyte) is at right center.

New Methylene Blue stain, when applied as described, provides a rapid means for acquiring information relative to leukocyte response to a disease. It is an accurate procedure for the detection of reticulocytes and nucleated erythrocytes in blood as the bone marrow responds to anemia (not applicable in the horse). Thrombocytes are readily seen and their absence would suggest the existence of a thrombocytopenia. Abnormal structures, such as Heinz bodies in erythrocytes in certain drug intoxications or heavy metal poisoning can be clearly demonstrated.

O. W. SCHALM

Scabies in Washington

The State of Washington has been listed among those states from which cattle may not be imported into California without restriction, because of the presence of scabies disease of cattle.

Dr. James E. Stuart, Chief of the Division of Animal Industry, Department of Agriculture, said the action was requested following receipt of a report that scabies exists among cattle on the Colville Indian reservation in the counties of Okanogan and Ferry.

Dr. Stuart said the origin and extent of the scabies outbreak in the two counties are not known.

Cattle from the State of Washington may be admitted to California when accompanied by a permit issued by the Bureau of Animal Health, California State Department of Agriculture, Sacramento, and when treated as required to kill the mites which cause scabies.

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Foot, or Entire Sight of Both Eyes \$10,000

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AROUND THE STATE

ORANGE BELT VMA

SAN BERNARDINO—Dr. James Butterworth, visiting speaker from Illinois, discussed "Potentials of a Community Hospital" before members of the Orange Belt VMA at their November meeting.

On November 5 Drs. Schnitker, Boerenko, Hawley and Zagha assisted the Riverside Kennel Club at their annual dog show at the Hemet Fair Grounds.

Saturday, Dec. 23 is the date set for the OBVMA's annual Christmas Party. Cocktails will be from 7-9 p.m., followed by a Smorgasbord dinner at March Air Force Base. Cost is \$12 per couple.

ALAMEDA-CONTRA COSTA VMA

OAKLAND—Dr. Seymour Roberts, who has recently completed a fellowship for the study of Ophthalmology at Vienna, was guest speaker at the October meeting of the Alameda-Contra Costa VMA at the London House, Jack London Square in Oakland. Dr. Roberts discussed results of his foreign studies with members present.

SAN DIEGO VMA

SAN DIEGO—Members here will shortly join hands with fellow veterinarians across the border to assist with rabies vaccination clinics in Mexico. Dr. Erling R. Quortrup is chairman of this unique "Good Neighbor" project.

Plans are now being made for the SDVMA's second annual party which will be held in cooperation with the SDVMA's Ladies Auxiliary. The date has tentatively been set for February, 1962.

REDWOOD EMPIRE VMA

PETALUMA—Dr. Raymond Rediske, of Novato, has been elected new president of the REVMA for the coming year. Vice president is Dr. William Kortum, of Cotati, and Secretary-Treasurer is Dr. Charles Martineau of Novato.

Dr. Rediske will also represent the REVMA in the CVMA House of Delegates.

Local association secretaries can keep the state informed on VMA activities by sending news of your monthly meetings to Editor, "California Veterinarien," 3004 16th St., San Francisco 3.

APPLICANTS

Edmund V. Bayer, Santa Rosa. Vouchers: Don L. Deane, E. S. Cooper.

Robert M. Stader, San Diego. Vouchers: E. R. Braun, William E. Steinmetz.

G. Francis Burgess, Merced. Vouchers E. R. Braun, William E. Steinmetz.

John M. Weinmann, San Bruno. Vouchers: Tom McIntyre, Jr., Howard Carroll.

Richard G. Johnston, Novato. Vouchers: C. S. Martineau, R. R. Rediske.

Sheldon Altman, No. Hollywood. Vouchers: C. H. Ozanian, J. B. Carricaburu.

Richard H. Wilkinson, Fresno. Vouchers: Otto H. Suda, Walter G. Barnhart.

Loris A. Dehner, Half Moon Bay. Vouchers: P. H. Hand, E. R. Braun.

Robert E. Kind, Thousand Oaks. Vouchers: Robert M. Miller, M. A. Custer. Richard J. Brown, Norco. Vouchers: E. R.

Braun, William E. Steinmetz.

J. H. Gregg, La Habra. Vouchers: C. H. Ozanian, R. B. Tangeman.

Robert P. Knowles, Miami, Fla. Vouchers: W. W. Putney, M. A. Custer.

Jack C. Gregory, Monrovia. Vouchers: John H. Hensley, L. O. Johnson.

L. E. McGee, Arcadia. Vouchers: James D. Twohig, A. H. Edmondson.

Robert S. Todd, Laguna Beach. Vouchers: W. L. Kanawyer, C. H. Ozanian.

W. L. Kanawyer, C. H. Ozanian.
E. F. Chastain, Sacramento. Vouchers: H. G. Wixom, L. D. Meyers.

Matthew L. Murdock, San Gabriel. Vouchers: E. E. Jones, W. W. Worcester.

James H. Wommack, Citrus Heights. Vouchers: W. W. Worcester, H. G. Wixom.

John H. Clark, Pico Rivera. Vouchers: R. C. Vierheller, W. W. Putney.

Rodney K. Burroughs, Encino. Vouchers: E. R. Braun, William E. Steinmetz.

Calvin Barclay Roper, Los Gatos. Vouchers: E. R. Braun, William E. Steinmetz.

James E. Peterson, Lodi. Vouchers: E. R. Braun, William E. Steinmetz.

Morton Gerald Linder, San Francisco. Vouchers: E. R. Braun, William E. Steinmetz. Jean-Paul E. Cucuel, Chicago, Ill. Vouchers:

E. H. Houchin, William E. Steinmetz.

Thomas T. Migaki, Petaluma. Vouchers:
W. M. Dungan, E. R. Braun.

Erwin A. Swanson, Alturas. Vouchers: Blaine McGowan, Jr.; Richard U. Miles.

More Dogs, Fewer Cats Reported

There are more dogs and fewer cats in 1961 than in 1959, according to the Pet Food Institute. Some facts: Dogs now number 24.13 million, compared with 23.8 million two years ago. The cat population has declined from 25.5 million in 1959 to 22.05 million in 1961.

antifungal good to excellent good to excellent good to excellent good to excellent activities in treating activities or chronic external external external antimicrobial anesthetic

*Based on 610 cases in the files of the Veterinary Medical Department, Schering Corporation. Schring



prognosis: GOOD

- √ inflammation, itching, discomfort usually relieved in hours
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For complete details, consult latest Schering literature available from your Schering Representative or Veterinary Medical Department, Schering Corporation, Union, New Jersey.

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OPPORTUNITIES

Veterinarian Wanted

Veterinarians for full time meat inspection positions with State of Washington Department of Agriculture. Salary: \$514 per month plus. Contact Supervisor, State Meat Inspection, Animal Industry Division, State Dept. of Ag., P.O. Box 120, Olympia, Wash., for further information.

Canadian citizen with degree in veterinary medicine wanted for Animal Pathology Laboratory, Dept. of Agriculture, Vancouver, B.C. Civil service position paying \$580-\$665 per month. Prefer two or more years lab work in animal and poultry pathology; experience with serological testing for brucellosis. Good knowledge of clinical pathology, animal and poultry husbandry and nutrition is also necessary. Apply to The Chairman, British Columbia Civil Service Commission, 544 Michigan St., Victoria, B.C.

Experienced veterinarian with Calif. license for an excellent opportunity with Calif. institution in Bay Area. Box A-132, The California Veterinarian.

Experienced veterinarian for small animal hospital in Southern California, State qualifications and remuneration desired. Box A-134, THE CALIFORNIA VETERINARIAN.

Position Wanted

Senior Iowa State student, married, desires position upon graduation in May, in mixed or large animal practice in Central or Northern California. Would arrange for personal interview during Christmas vacation. Box A-131, The California Veterinarian.

0

Small animal D.V.M. with 5 years exp. desires position with future, leading to lease, sale or partnership. Out of state resident at present. Indicate salary and details in first letter. Replies kept confidential. Licensed. Box A-133, The California Veterinarian.

Livestock inspector to work with other units of San Bernardino County Health Department in the study and control of animal diseases transmissible to man. Need California license, or must be eligible for licensing. Starting salary for those with no experience \$608, one or more years experience \$677, with increases to \$755, plus paid vacations and sick leave, liberal retirement plan, fully paid health insurance, social security, plus other employee benefits.

Write San Bernardino County Personnel Office, Ground Floor, Courthouse, San Bernardino, California.

For Sale

Attractive lease with option to purchase at set reasonable price. Established, completely equipped Orange County animal hospital on main thoroughfare near famous Knott's Berry Farm. Ideal for energetic practitioner with little capital. Only one other veterinarian in city of 50,000. Lengthy illness followed by death of doctor has left enormous potential unrealized. 6772 Beach Blvd., Buena Park, Calif

For Lease

Fully equipped small animal hospital in Pasadena, California. Address Walter E. Ziegler DVM, 797 South Arroyo Pky., Pasadena, Calif.

State-Federal Restrictions On Screwworm

Additional state and federal restrictions have now been placed on all animals moving through Alabama and Georgia into Florida because of the discovery of screwworm activity in the two former states.

The shipment of horses from California is of primary concern. Before shipment is made the local district veterinarian of the Bureau of Animal Health should be notified so as to provide adequate inspection and supervision of treatment of horses.

Horses moving into Florida are required to be inspected and sponged in quarter percent Co-Ral solution within 36 hours of movement under supervision of a federal or state inspector. Health certificates must accompany all shipments

Federal authorities have asked that they be notified in advance when shipments are to be made so that interception and reinspection can be completed at point of entry or destination in Florida,

Shipments through Florida to a foreign country are to be handled in this same manner.

New Cough Sedative for Dogs

Vetinol, a cough tablet containing 10 mg. of noscapine, an isoquinoline alkaloid of opium, with natural meat substance added for palatability, has been introduced by the Knoll Pharmaceutical Company of Orange, N.J.



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Medical Payments (Premises) \$10,000.00 aggregate.

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- Contracted Liability.
 A. Lease agreement, etc.

- Loss to animals by fire, maximum \$1,000 per animal, \$25,000 aggregate.*
- aggregate.

 A. Breach of implied contract, restraint, assault, slander, libel,
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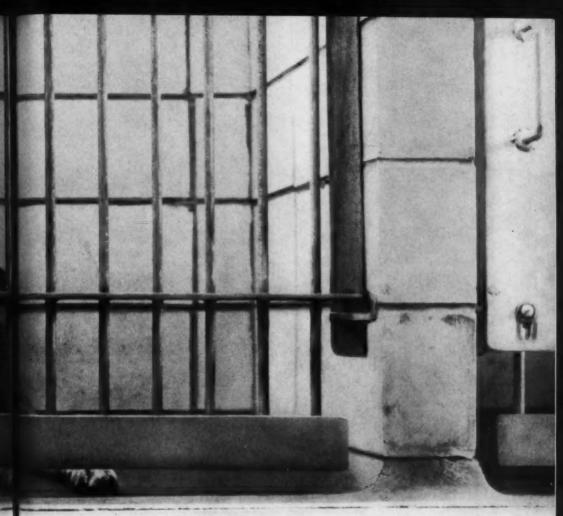
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For best results, administer medication every 8 hours. SUPPLIED: DANTAFUR oral suspension veterinary, 15 mg. nitrofurantoin per cc., bottle of 1 liter.

Also available: FURADANTIN® (brand of nitrofurantoin) Ora-Bols® Veterinary, 50 mg. nitrofurantoin in an excipient containing dextrose, bottle of 100, scored, 50 mg. Ora-Bols. Furadantin Tablets Veterinary, bottles of 100, scored, 10 mg., and 50 mg. tablets. Available from your professional

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What's

Going on in CVMA?

NO EASY JOB

A special vote of thanks goes out to Dr. Fred P. Sattler, of Fullerton, for taking in stride a series of mishappenings during his Long Beach lecture which would have made a lesser man break down in tears.

Dr. Sattler, appearing before a small animal session, began his illustrated talk on superficial x-ray therapy in normal fashion.

However, it was not long before all in the room realized that the hired band of the projector was fast asleep at the switch.

No sooner was this invation remedled that an air conditioner got into the ack.

But Dr. Sattler, equal to the occasion, spiked his misfortunes with philosophic lumor and the situation was soon under control. A difficult task ably handled by the practitione from fullerton, but I'll bet he's glad it's over.

fornia newspaper readers were exposed to our Long Beach activities. There is no accurate way of measuring how many people throughout the state were informed on our meeting over radio and television.

Methods utilized to publicize the convention included developing a press kit containing background material on the meeting and news releases of events which were to occur. These were sent out about one month prior to the neeting. A press conference was scheduled during the contaction during which time CVMA offices faultianced the press with our activities and activities of the press with our activities and activities of the press with our activities and activities of the press of t

PUBLICITY BOX SCORE

A concentrated publicity effort was mad in conjunction with the Long Beach meeting of educate and inform the general public at the veterinary medical profession and activities of the state association.

Many CVMA members have felt this is necessary if we wish to attract talented youngsters into the profession, add to the prestige of the veterinarian and gain understanding and sympathetic support from the public on vital legislative and community issues.

Our publicity efforts for the Long Beach meeting were concentrated in a three-month program in which the CVMA office sent out over 221 releases to the California press and veterinary journals. Through our press clipping service we have found that the press printed over 483 column inches on Long Beach veterinary activities, or enough to fill three full pages in the average size newspaper. Over 7,347,500 Cali-

NEW GROUP LIFE PLAN

Recently added to the CVMA's portfolio of group insurance plans being offered to member is a new life plan, underwritten by the Backers National Life Insurance Company, which recently was okayed by the Executive Committee.

You may select coverage from \$10,000 to 25,000 at a cost which is 50 per cent lower than comparable individual policies. All members under age 70 are eligible if they are still practicing and the plan is renewable to age

Costs on \$10,000 coverage average around \$49.04 annually if you are under 30; \$59.12 annually for those under 39; \$100.12 annually for those under 49; \$161.20 annually for those under 54; etc. Remember, you must be a CVMA member to be eligible. Further information can be obtained by contacting: William W. Wilson & Associates, 170 S. Beverly Drive, Beverly Hills, Calif., or by contacting the CVMA office.



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a significant advance in effective immunization of dogs against distemper and hepatitis

References: 1. York, C. J.; Bittle, J. L.; Burch, G. R., and Jones, D. E.: Vet. Med. 55:30 (April) 1960. 2. York, C. J., and Burch, G. R.; J. Am. Vet. M. A. 138:298 (March 15) 1961.

*Trademark for CANINE DISTEMPER VACCINE, Modified Live Virus, Chick Tissue Culture Origin, and INFECTIOUS CANINE HEPATITIS VACCINE, Modified Live Virus, Porcine Tissue Culture Origin, Combined, Vacuum Dried.

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